(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



) Derik eninten in eneme hem erik erik erik erik erik kan berde inen birk kene erik eriken erik erik inik inik

(43) International Publication Date 2 December 2004 (02.12.2004)

PCT

(10) International Publication Number WO 2004/103829 A2

(51) International Patent Classification7:

B65D

(21) International Application Number:

PCT/US2004/015426

(22) International Filing Date: 18 May 2004 (18.05.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/471,692

19 May 2003 (19.05.2003)

- (71) Applicant (for all designated States except US): STAN-HOPE PRODUCTS COMPANY [US/US]; 379 Albert Road, P.O. Box 6003, Brookville, OH 45309 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): PERRINE, Glenn, D. [US/US]; 172 Hatchet Drive, Eaton, OH 45320 (US). LECONEY, Douglas, E. [US/US]; 260 Five Pines Court, Clayton, OH 45315 (US).
- (74) Agents: PEACOCK, Bruce, E. et al.; Wegman, Hessler & Vanderburg, 6055 Rockside Woods Boulevard, Suite 200, Cleveland, OH 44131 (US).

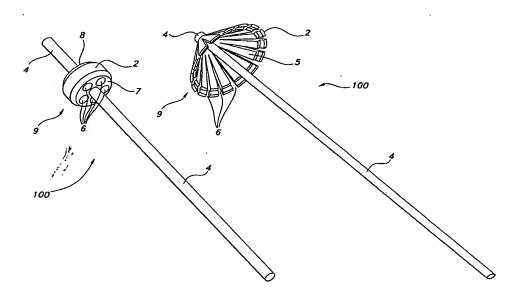
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: INTERNAL CAGE TUBE BAG



(57) Abstract: A desiccant package for insertion into an integrated condenser dryer chamber of an air conditioning unit. The desiccant package includes an internal cage component which is enclosed inside a porous desiccant-containing bag. The internal cage component comprises an enlarged diameter base unit and sealing section to seal and support the desiccant package inside the dryer chamber. The desiccant package can be inserted into the condenser dryer at initial assembly of the air conditioning unit or as a replacement item when the original desiccant is fully saturated.



WO 2004/103829 A2

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.